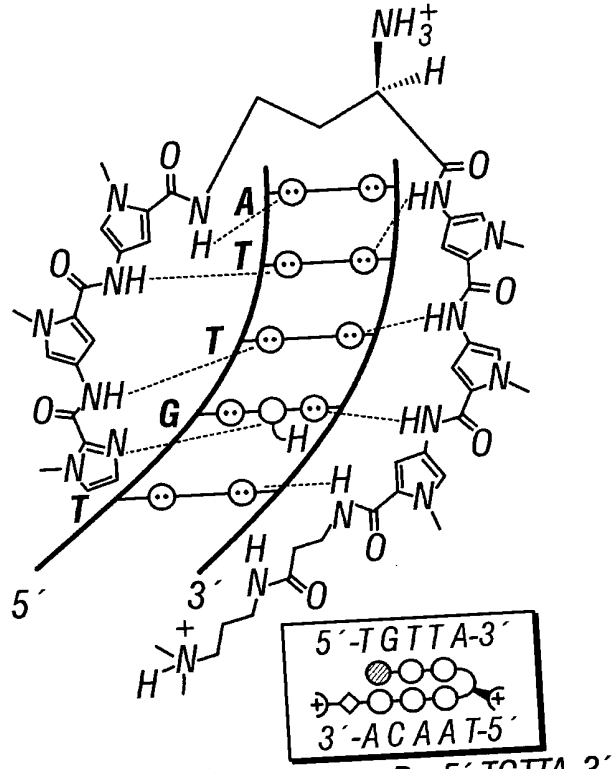
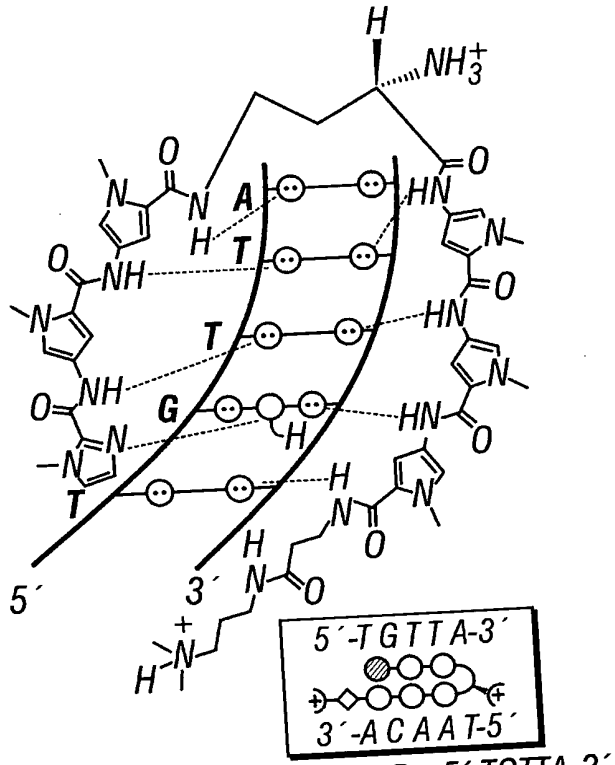
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ImPyPy-(R)H_2N_γ-PyPyPy-β-Dp·5´-TGTTA-3´

FIG. 1A



ImPyPy-(S)H_2N_γ-PyPyPy-β-Dp·5´-TGTTA-3´

FIG. 1B

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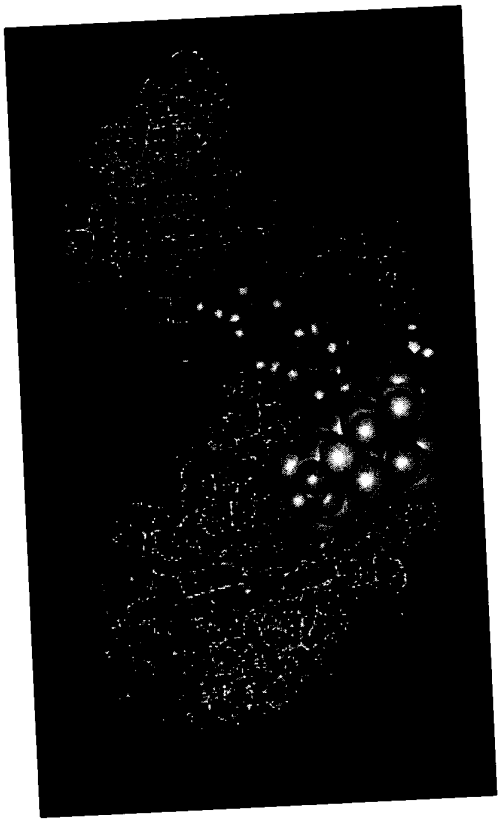


FIG. 2A

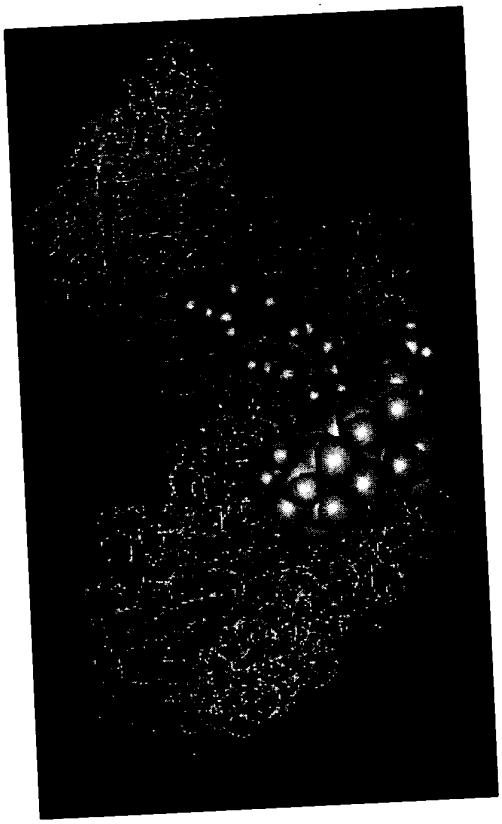
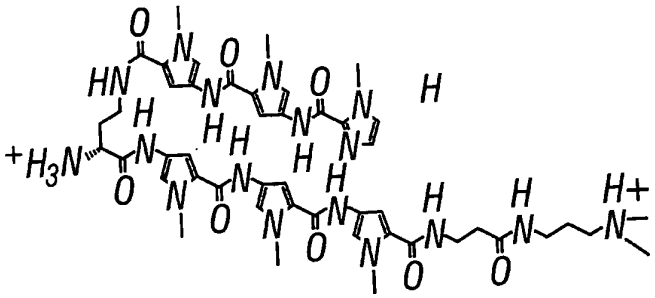


FIG. 2B

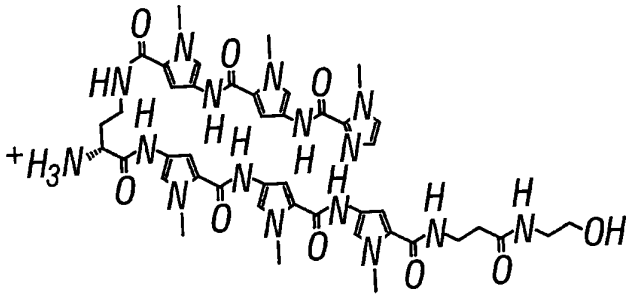
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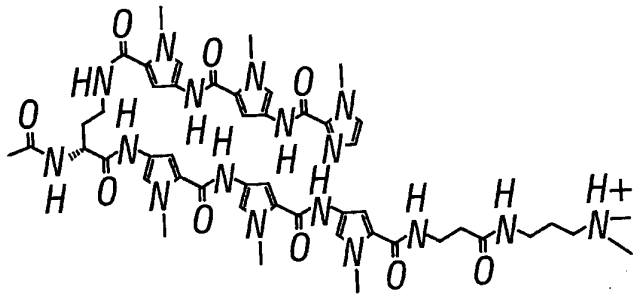
ImPyPy-(R)$^{H_2N}\gamma$-PyPyPy-β-Dp (1-R)

FIG. 3A



ImPyPy-(R)$^{H_2N}\gamma$-PyPyPy-β-EtOH (2-R)

FIG. 3B

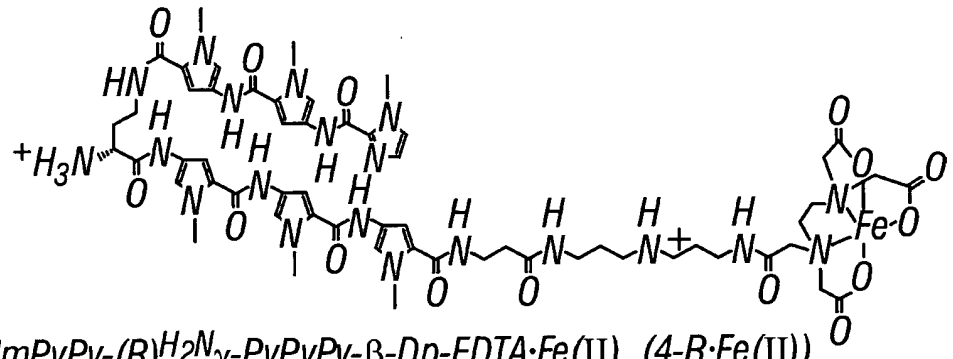


ImPyPy-(R)$^{AC}\gamma$-PyPyPy-β-Dp (3-R)

FIG. 3C

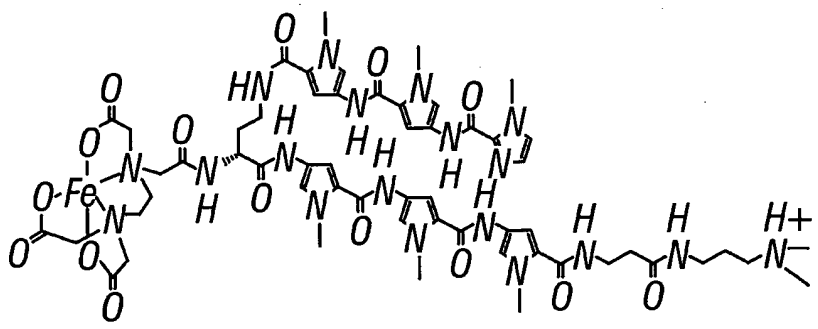
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ImPyPy-(R)$^{H_2N}\gamma$-PyPyPy-β-Dp-EDTA·Fe(II) (4-R·Fe(II))

FIG. 3D



ImPyPy-(R)$^{EDTA\cdot Fe}\gamma$-PyPyPy-β-Dp (5-R·Fe(II))

FIG. 3E

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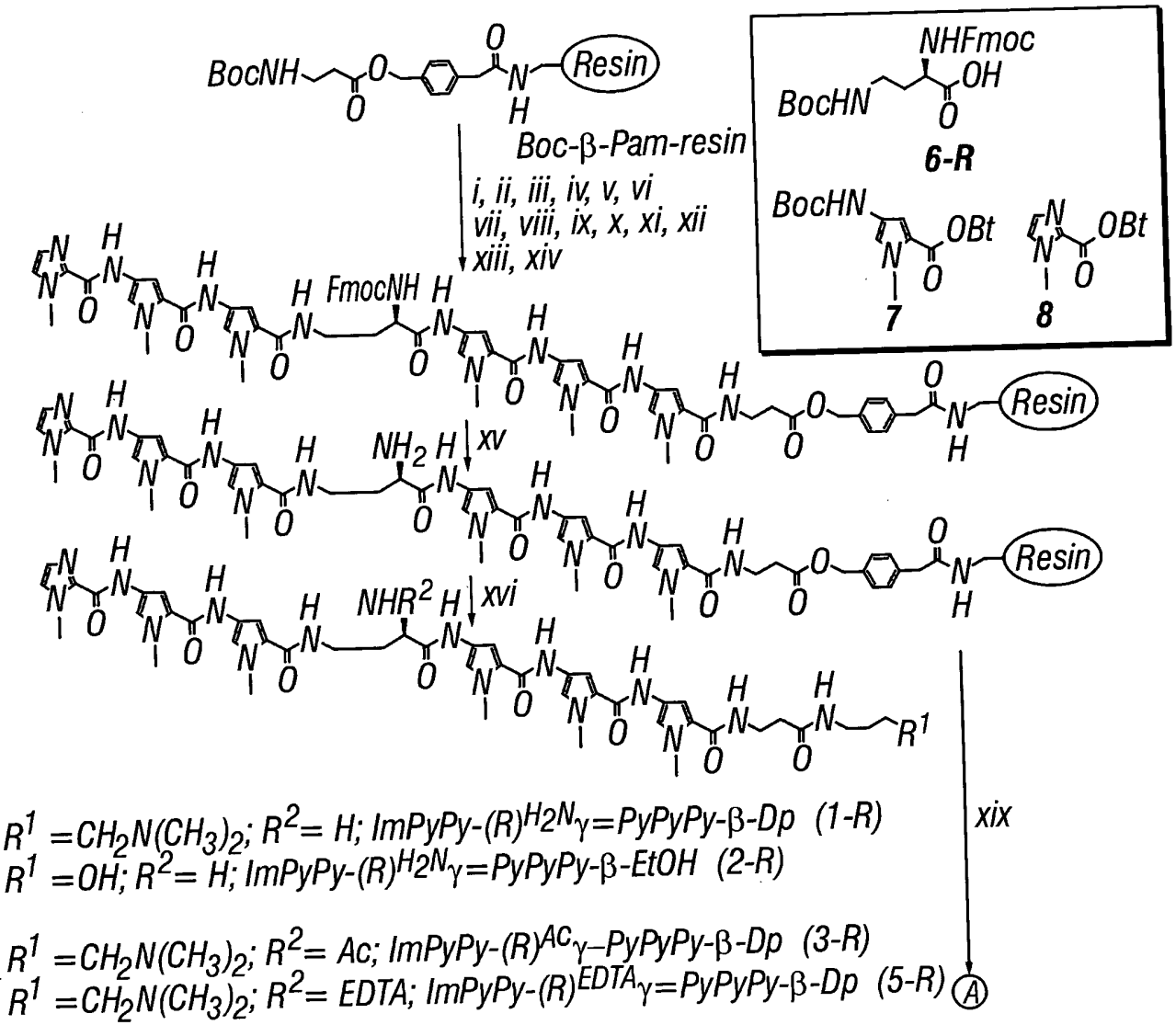
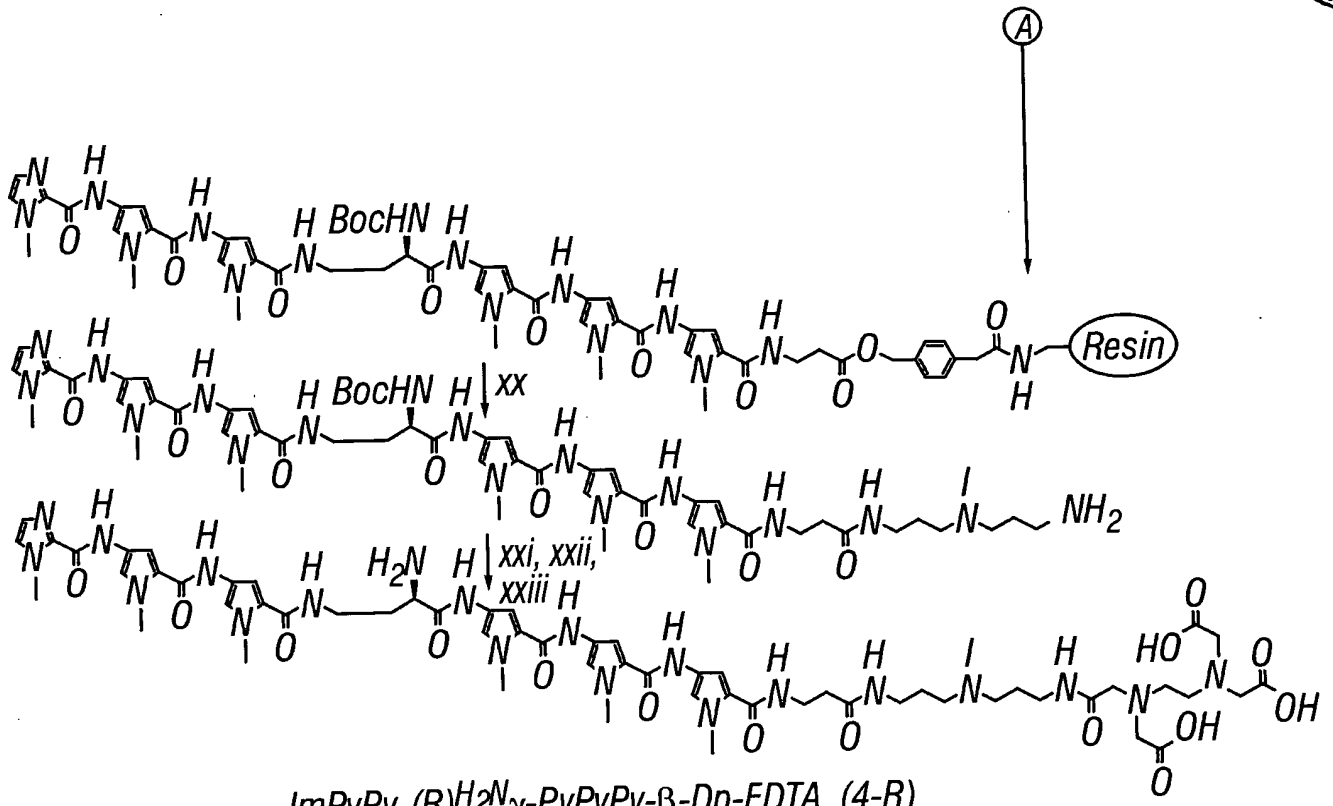


FIG. 4A-1

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ImPyPy-(R)$^{H_2N}\gamma$-PyPyPy-β-Dp-EDTA (4-R)

FIG. 4A-2

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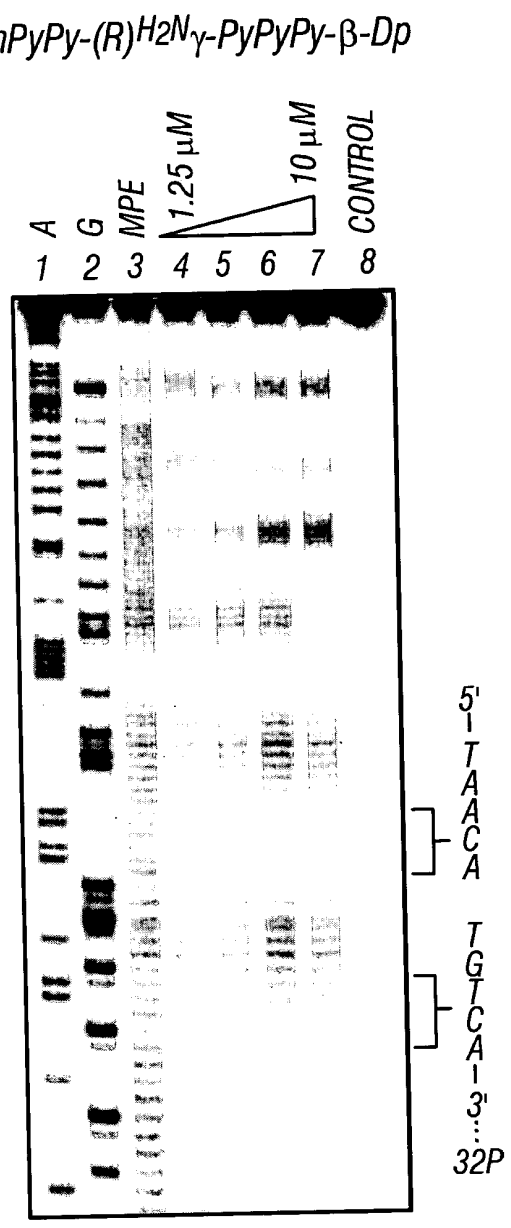


FIG. 5A

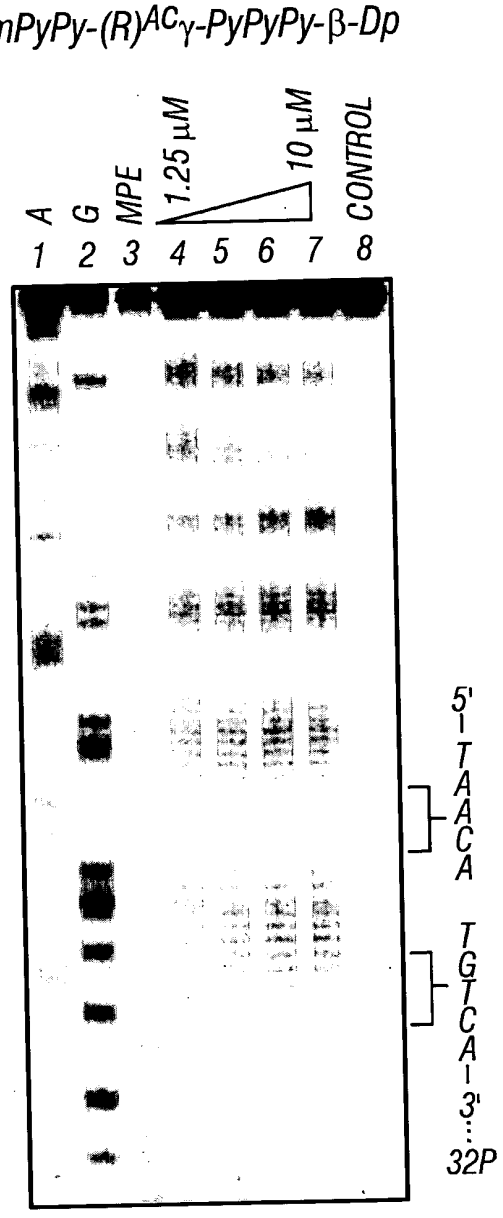


FIG. 5B

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ImPyPy-(S)$^{H2N}\gamma$-PyPyPy-β-Dp

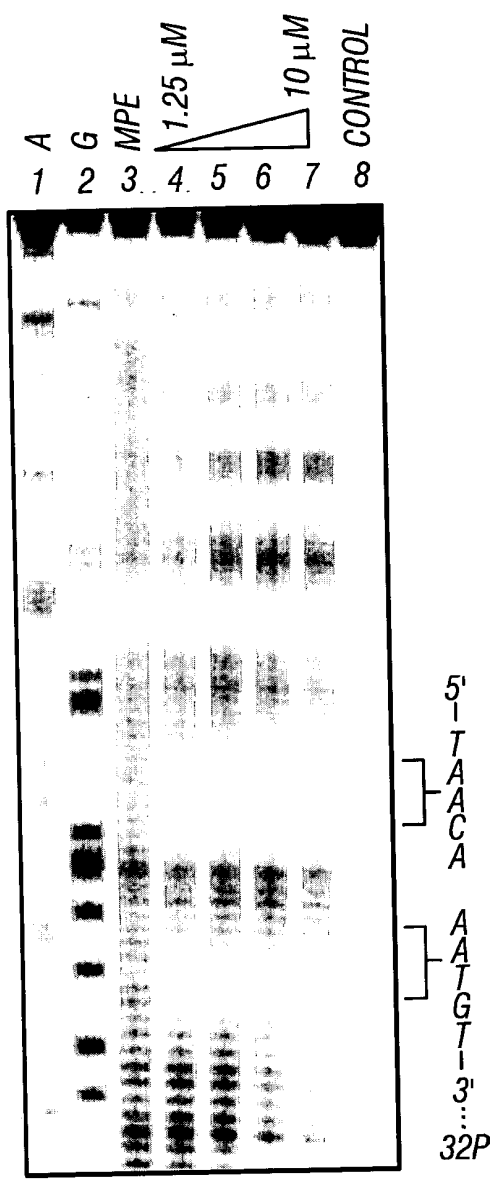


FIG .5C

ImPyPy-(S)$^{AC}\gamma$-PyPyPy-β-Dp

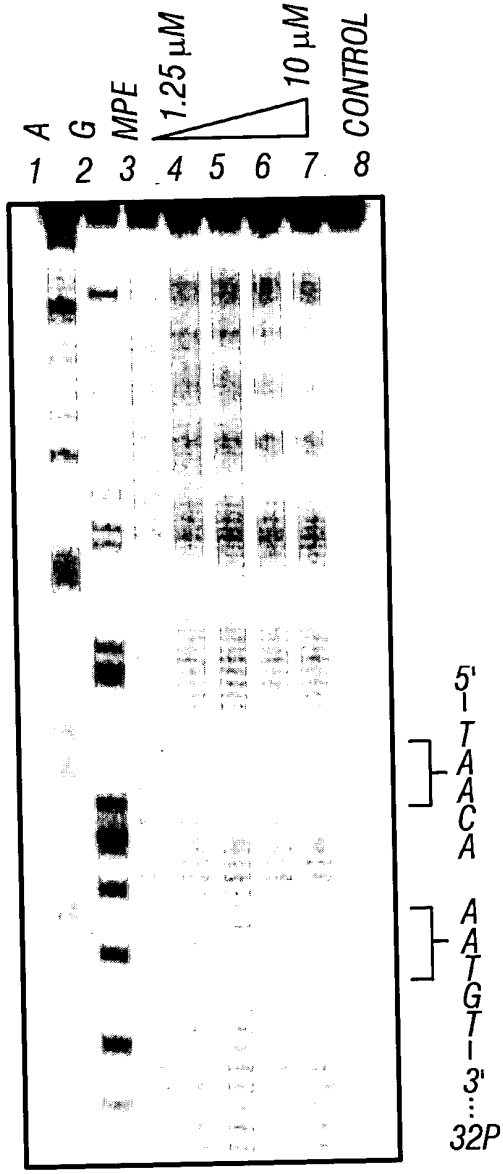


FIG. 5D

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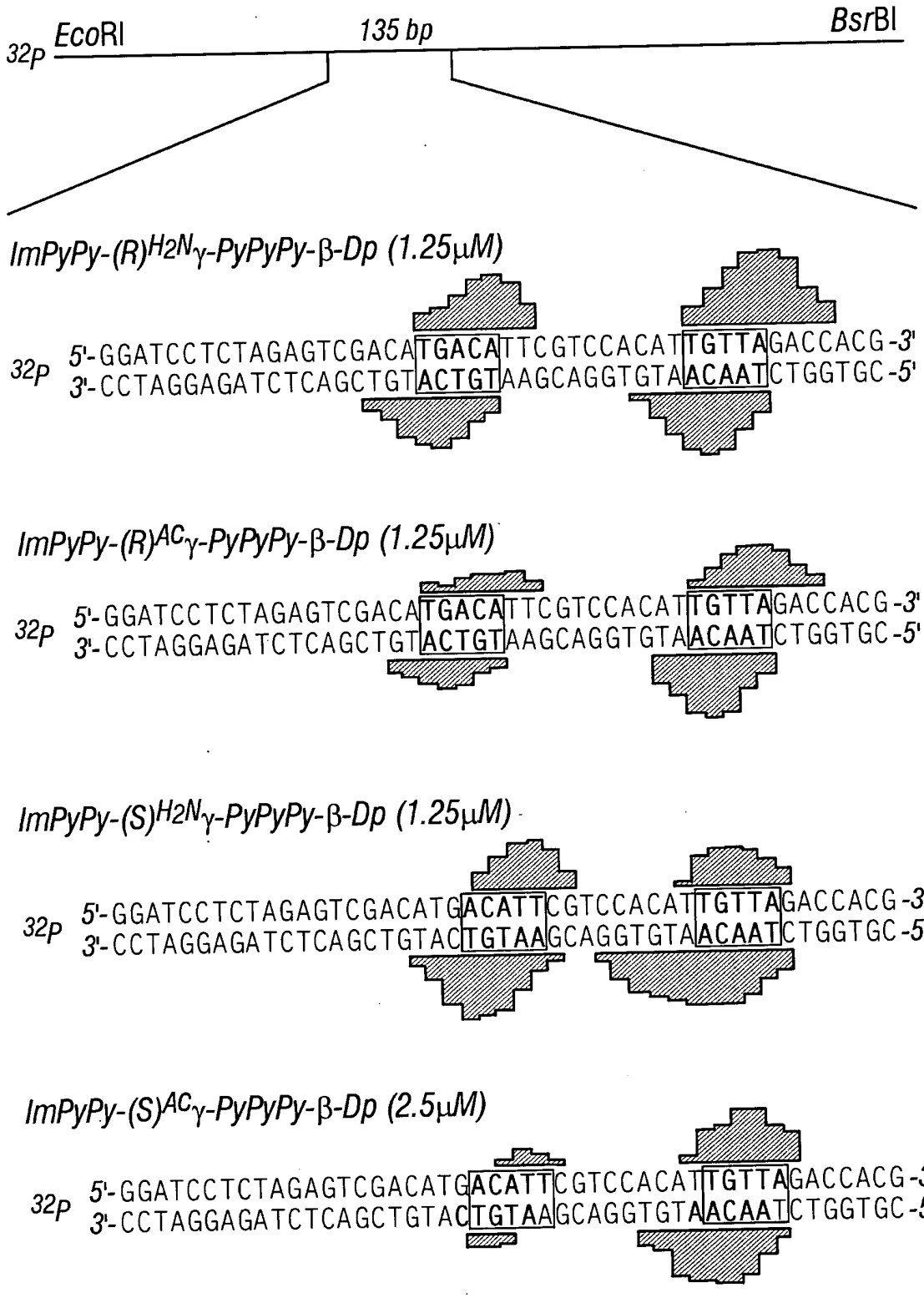


FIG. 6

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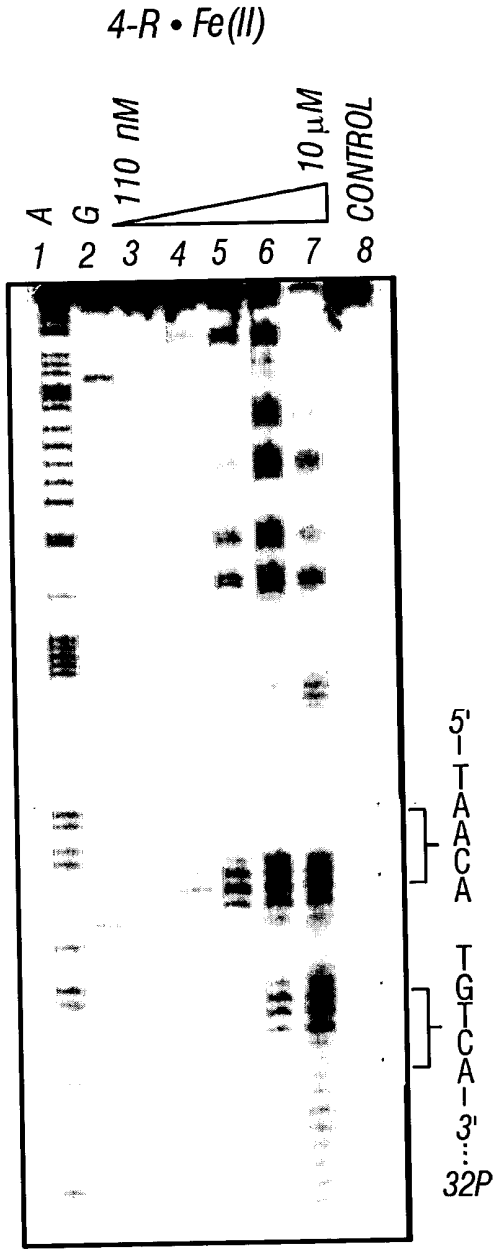


FIG. 7A

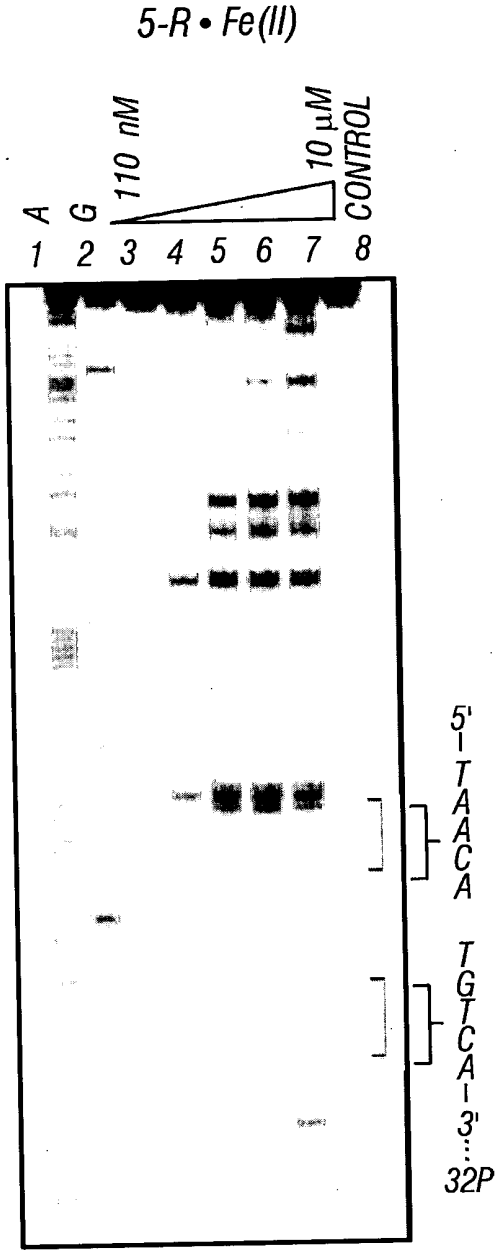


FIG. 7B

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FIG. 7C

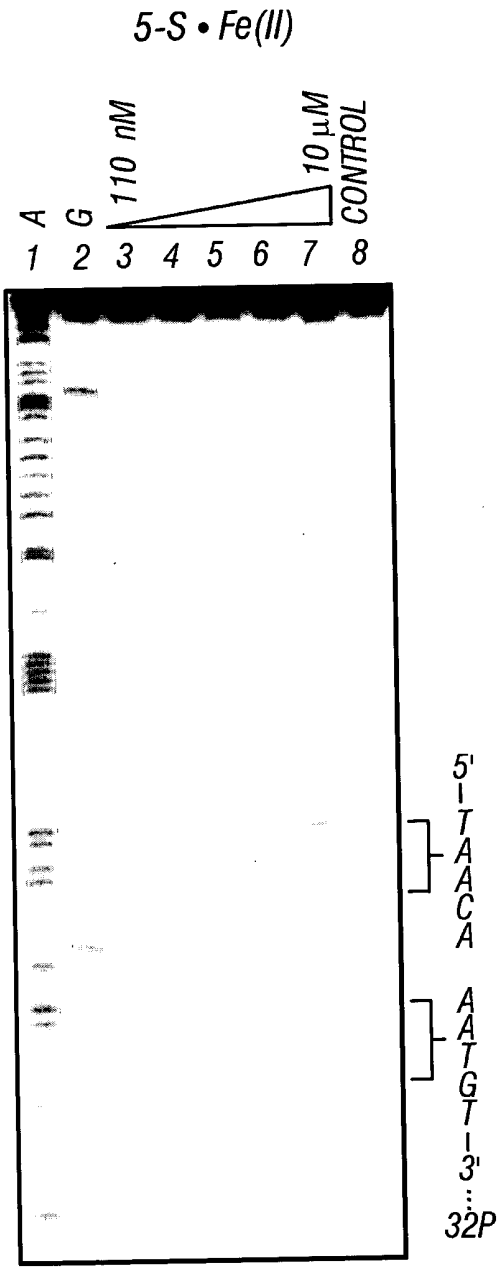


FIG. 7D

OIPE JC68 3
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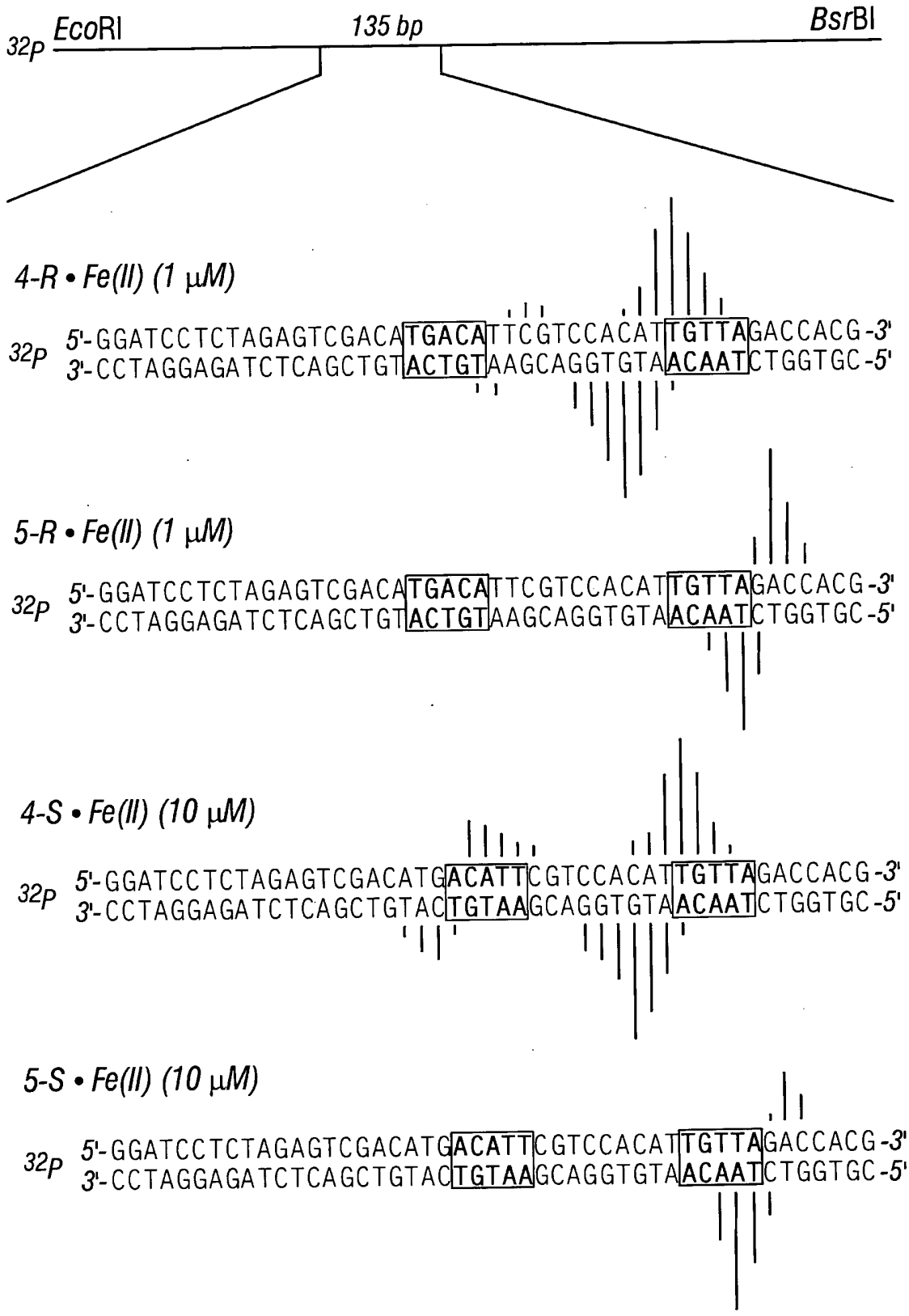


FIG. 8

OIPE JC88 3310 JUL 22 2002 PATENT & TRADEMARK OFFICE

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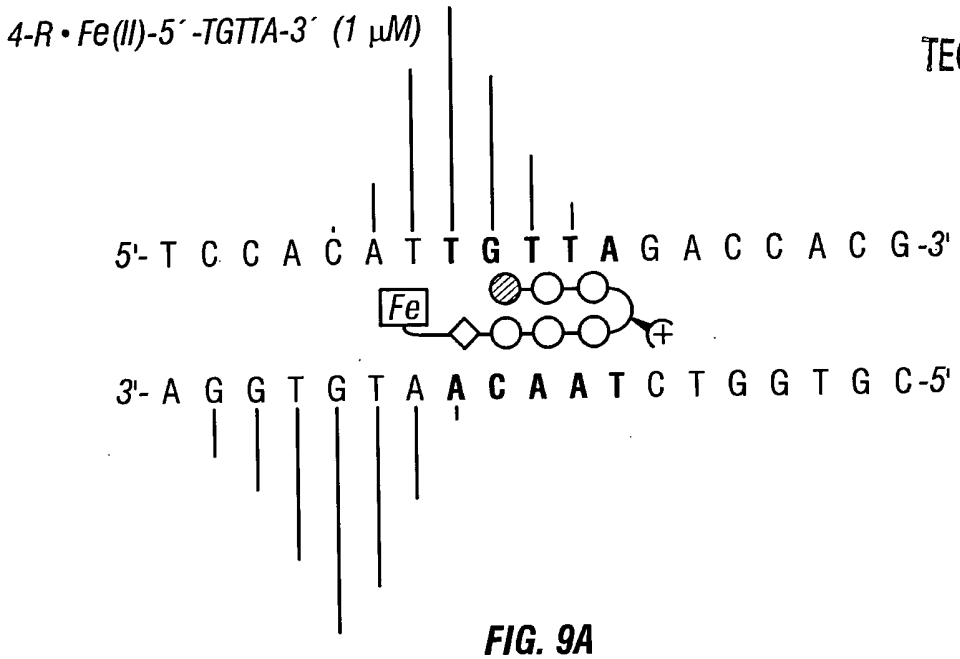


FIG. 9A

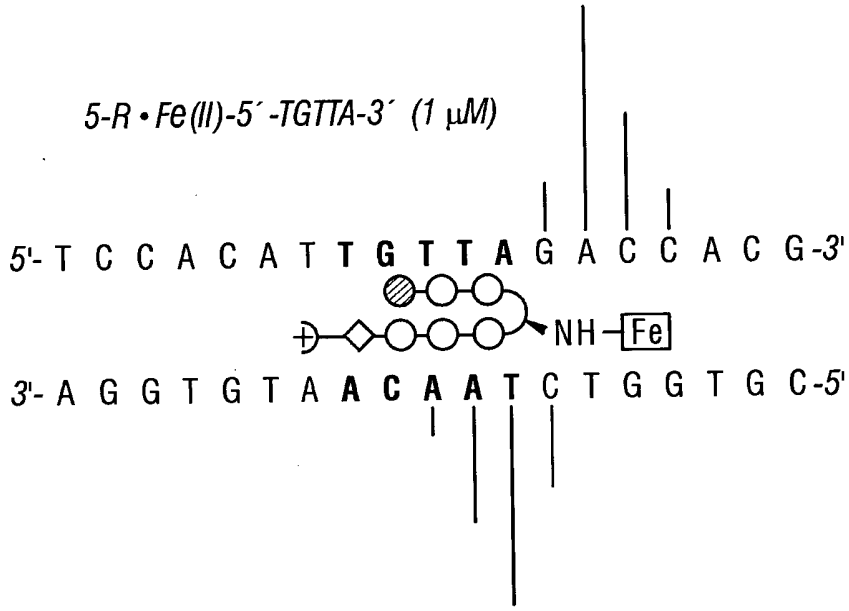


FIG. 9B

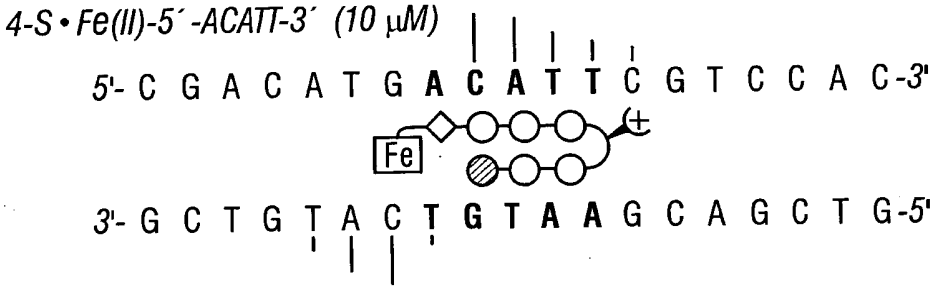


FIG. 9C

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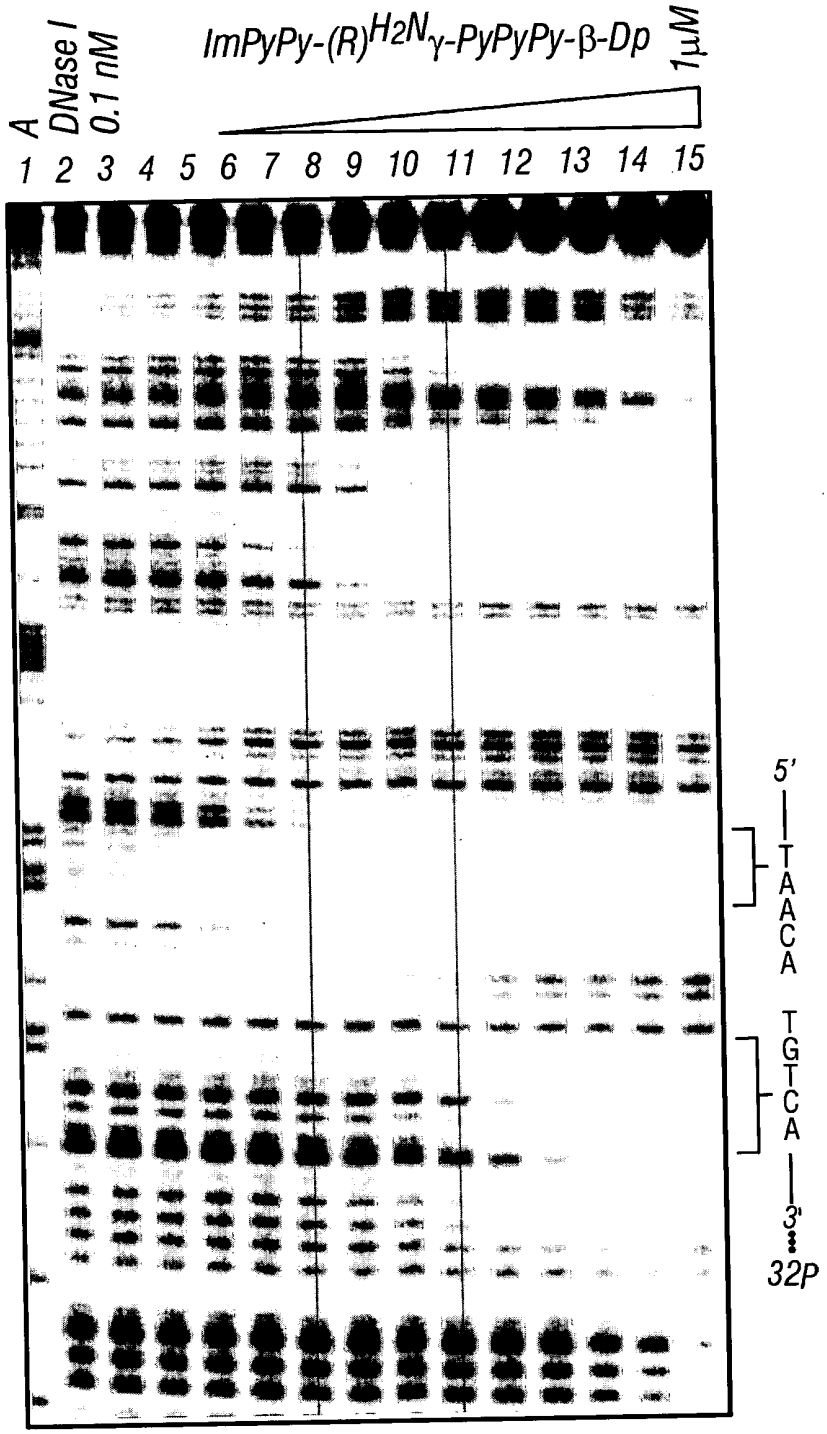


FIG. 10A

OIPE JC86
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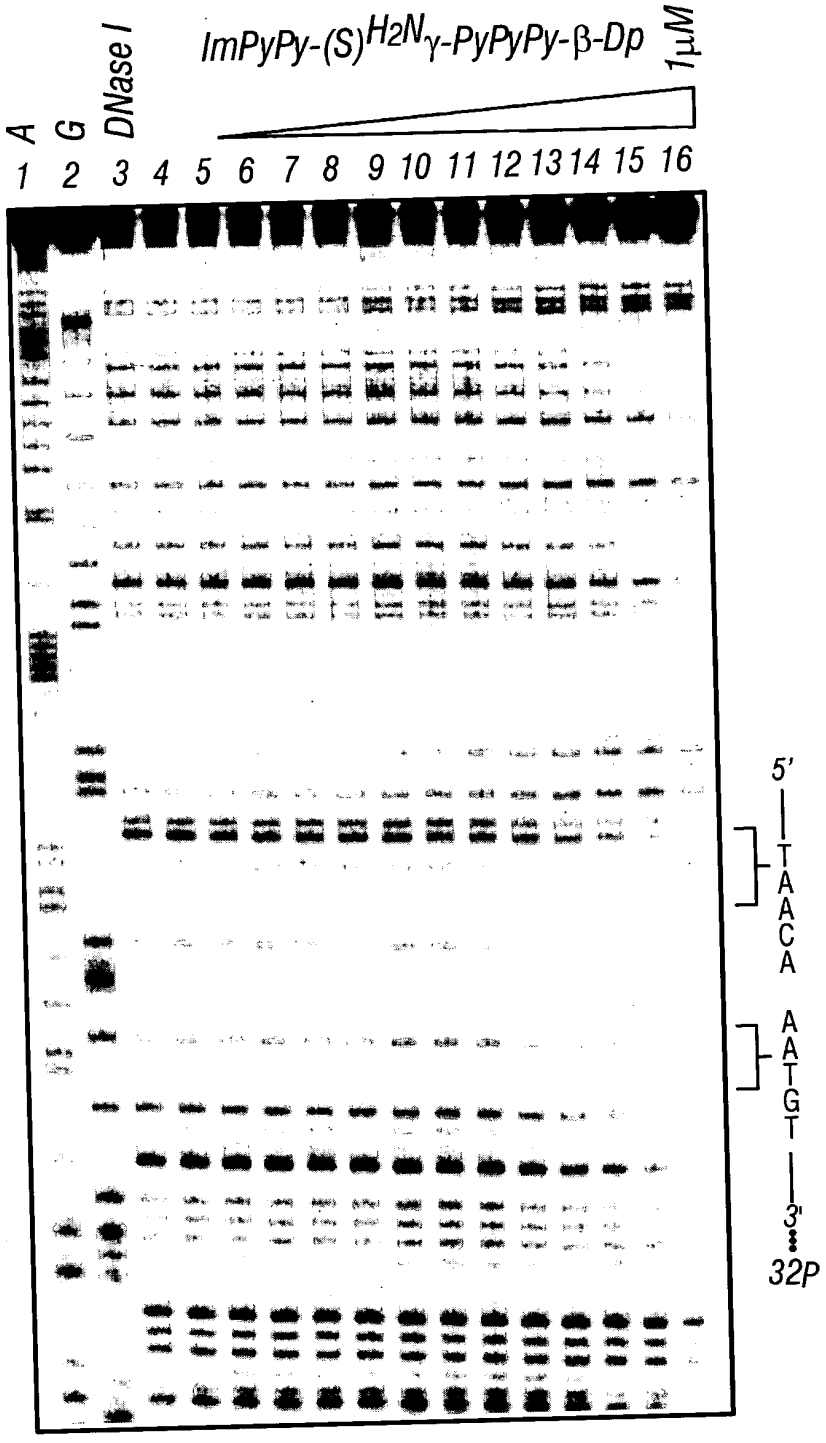


FIG. 10B

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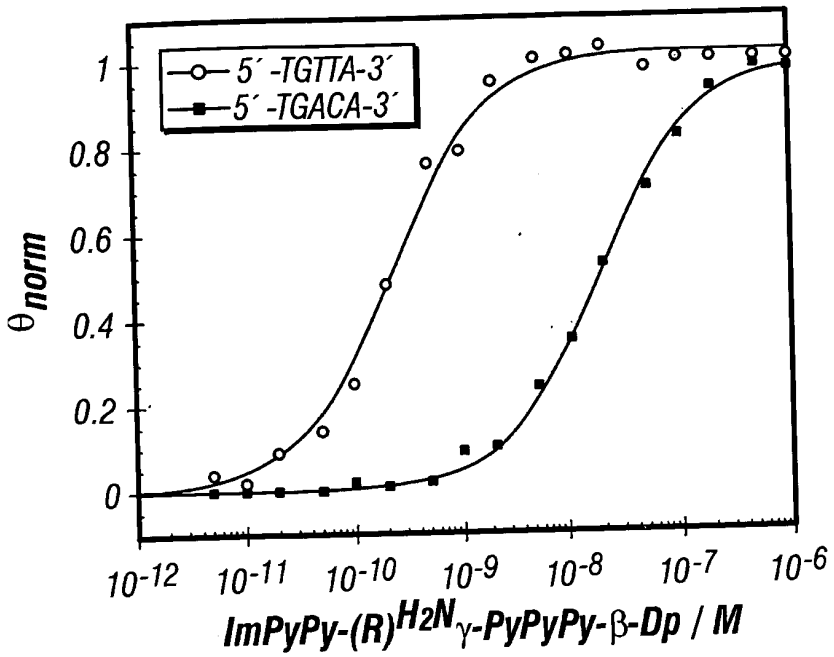


FIG. 11

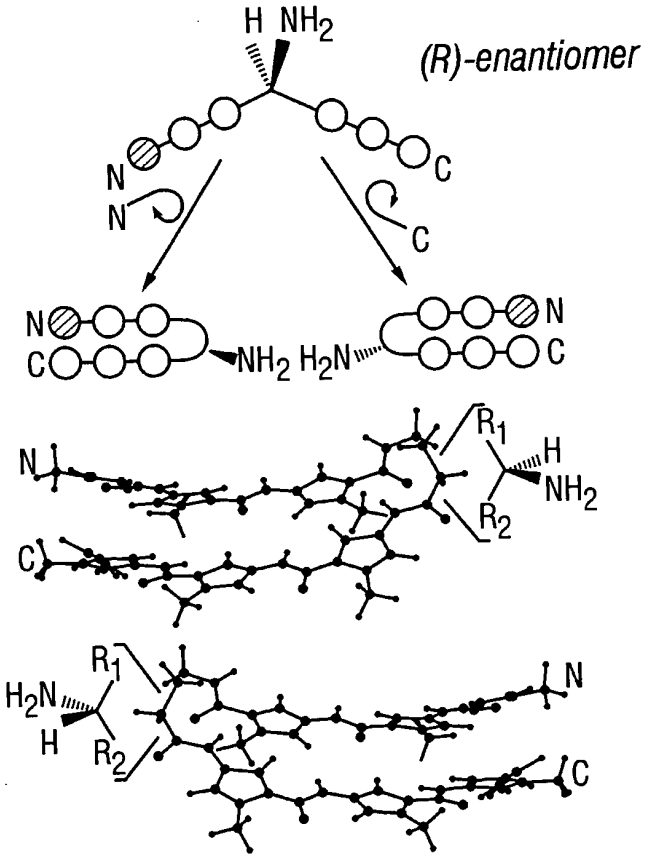
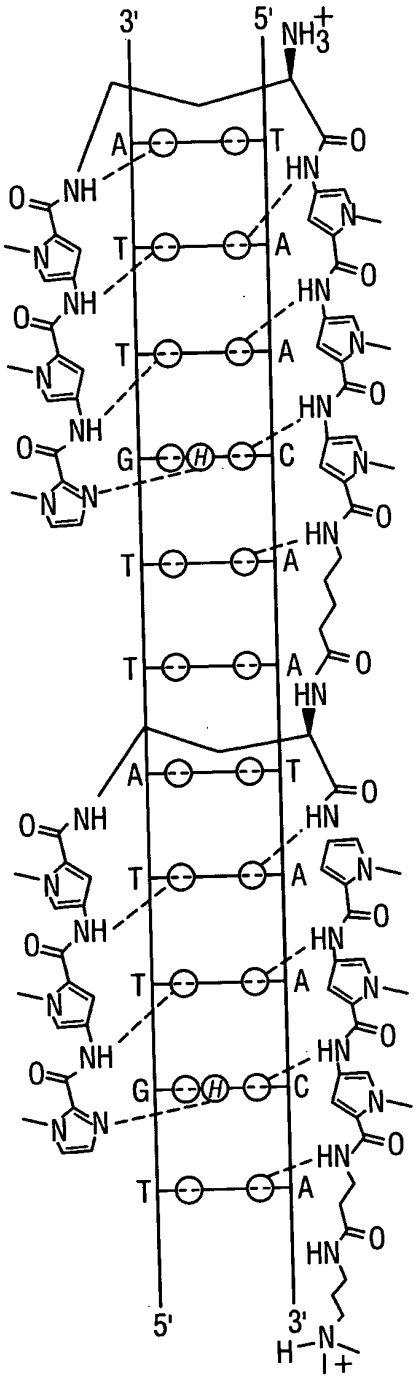


FIG. 12

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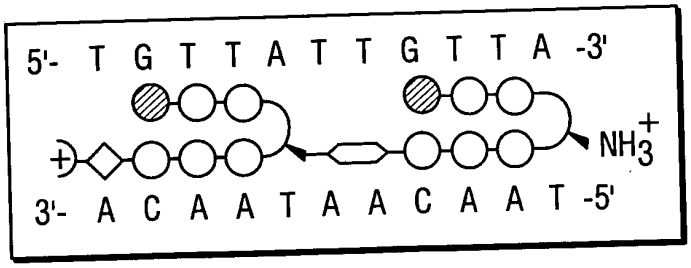
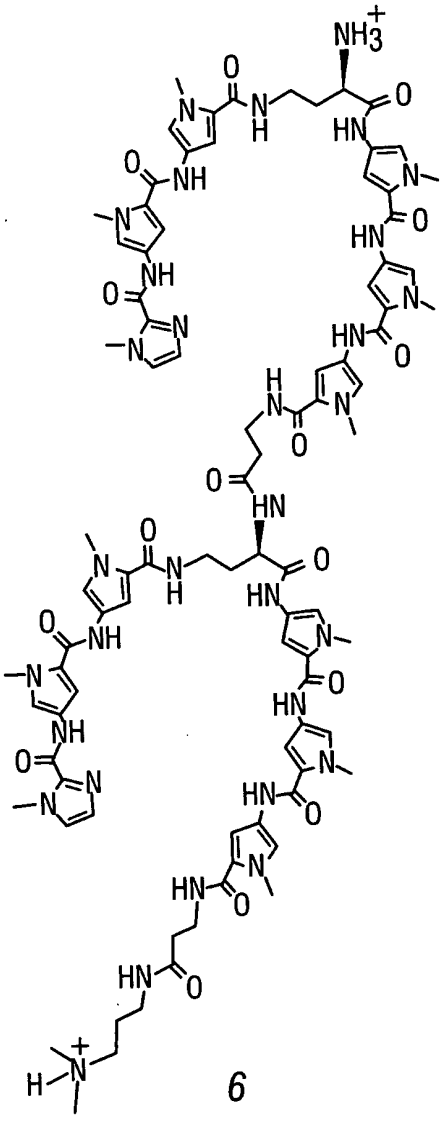


FIG. 13

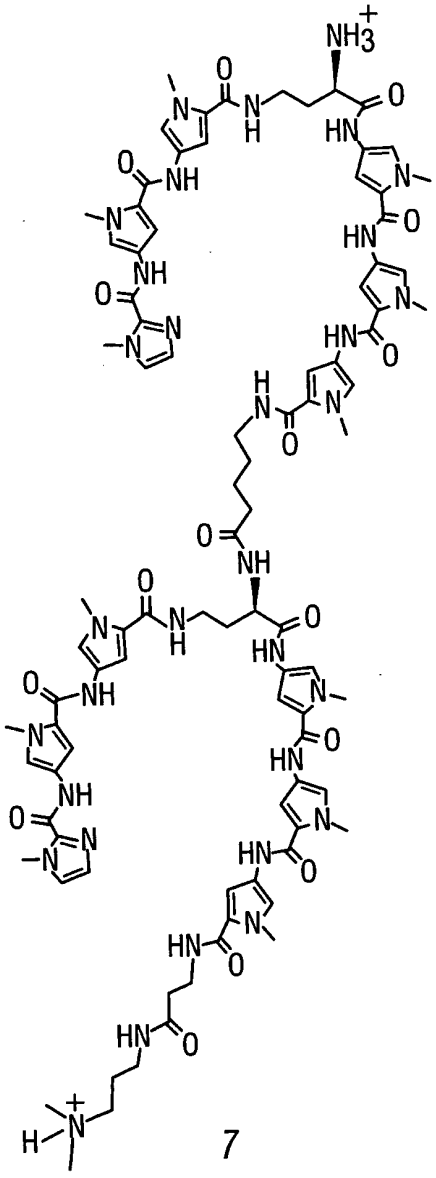
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FIG. 14A

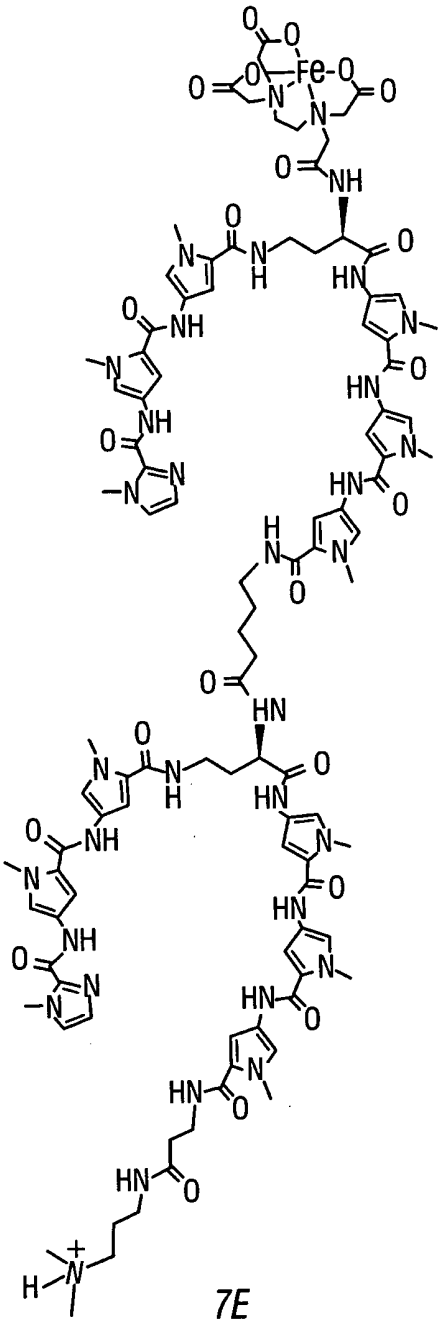


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FIG. 14B

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FIG. 14C

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FIG.
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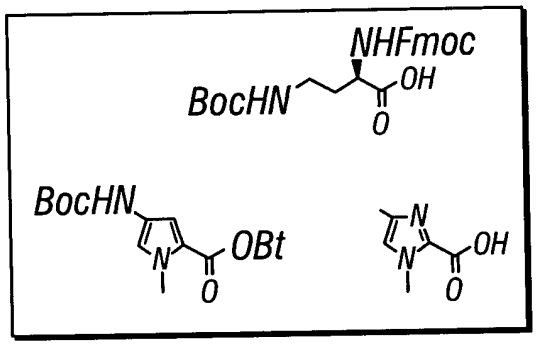


FIG. 15A

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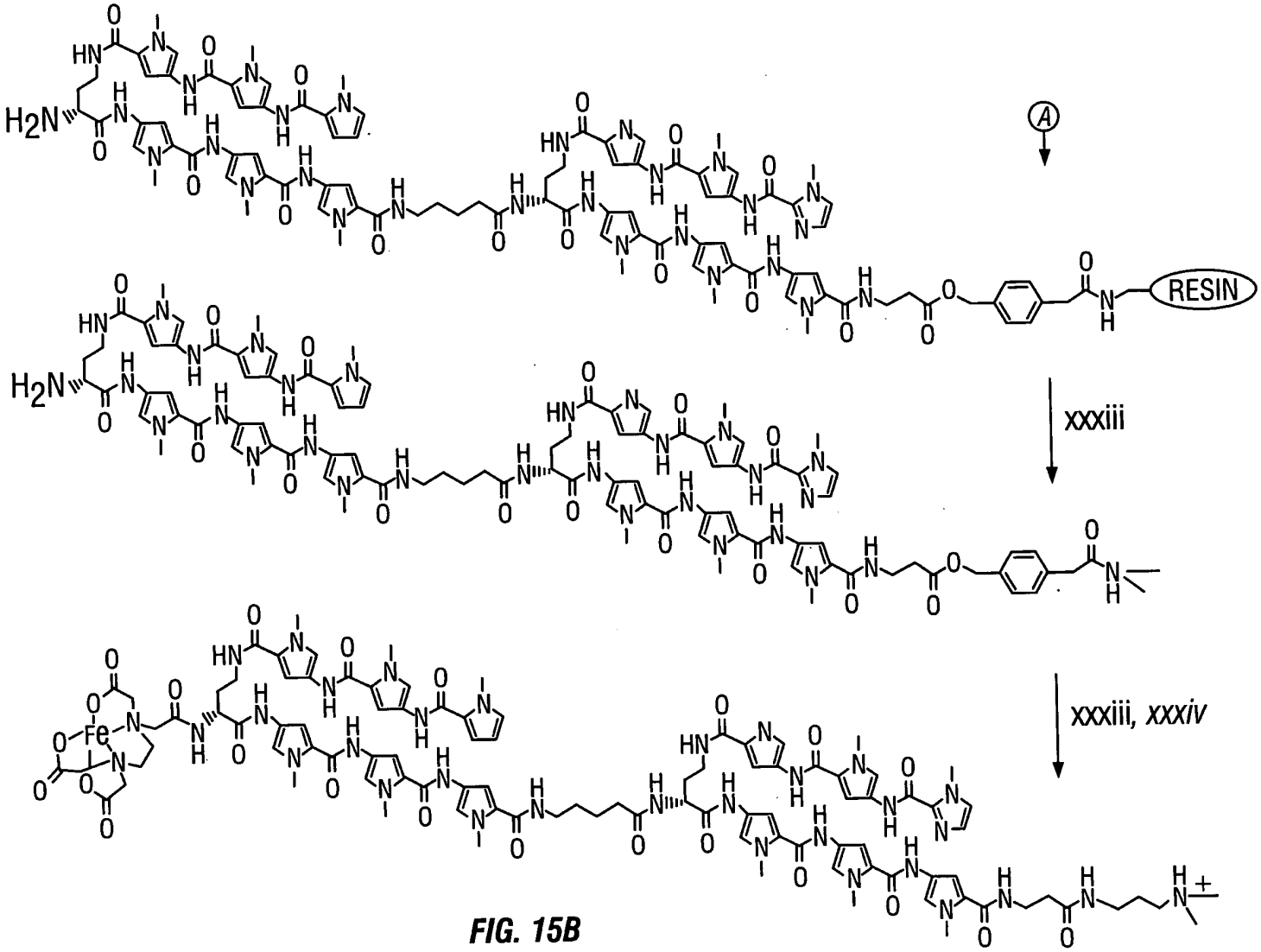


FIG. 15B

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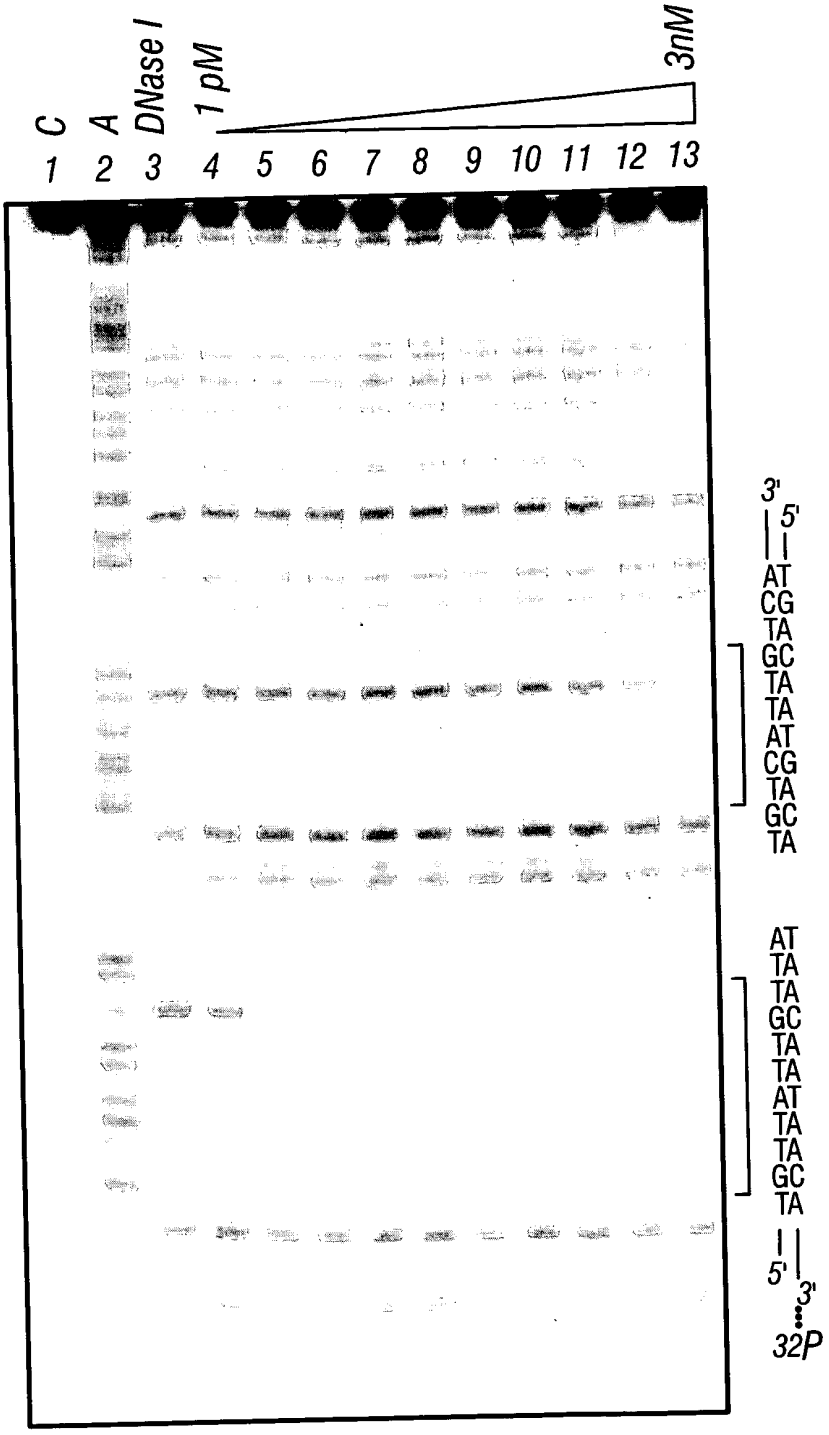


FIG. 16

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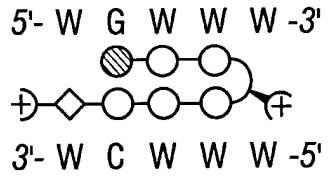


FIG. 17A

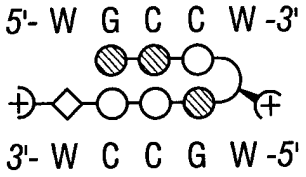


FIG. 17B

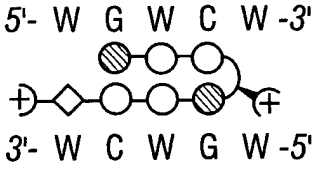


FIG. 17C

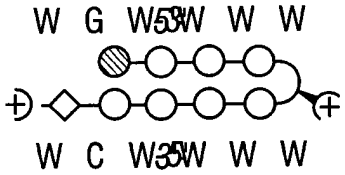


FIG. 17D

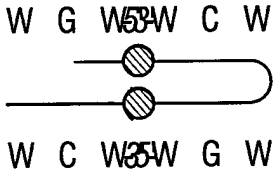


FIG. 17E

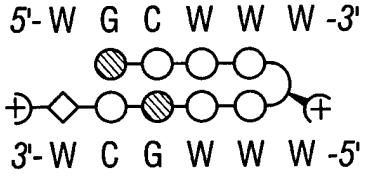


FIG. 17F

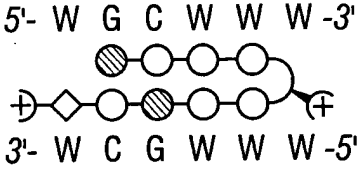


FIG. 17G

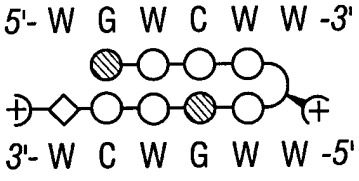


FIG. 17H

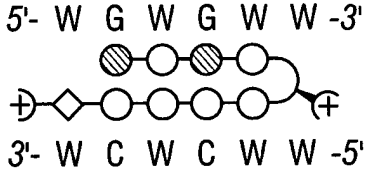


FIG. 17I

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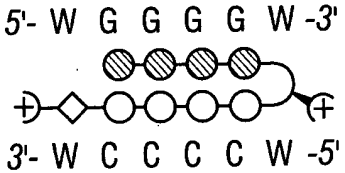


FIG. 17J

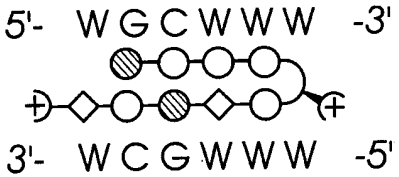


FIG. 17L

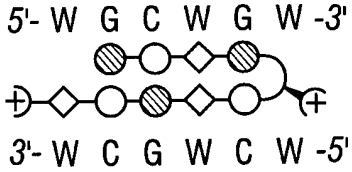


FIG. 17M

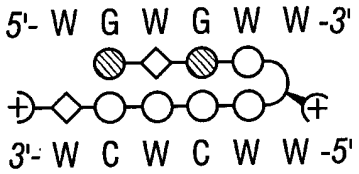


FIG. 17N

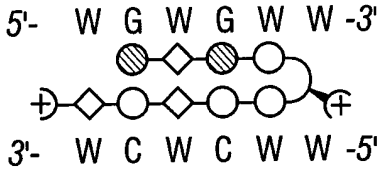


FIG. 17O

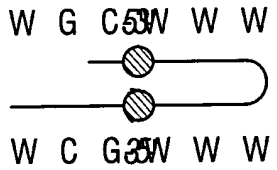


FIG. 17P

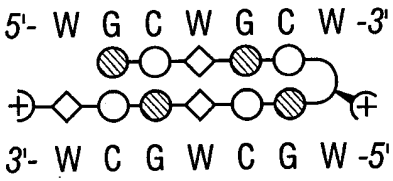


FIG. 17Q

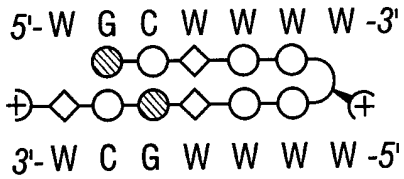


FIG. 17R

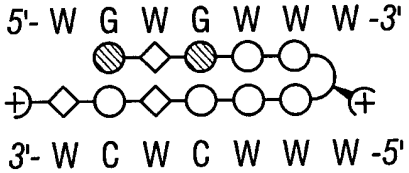


FIG. 17S

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FIG.
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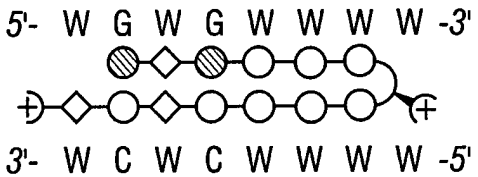


FIG. 17T

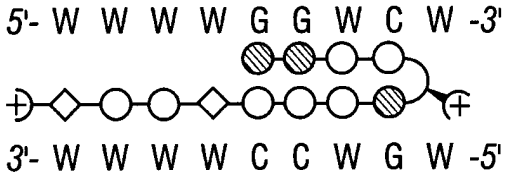


FIG. 17U

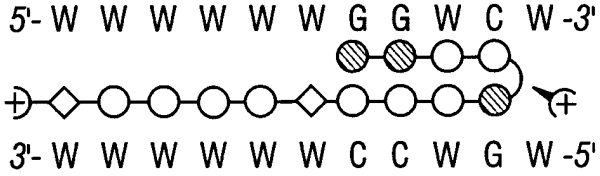
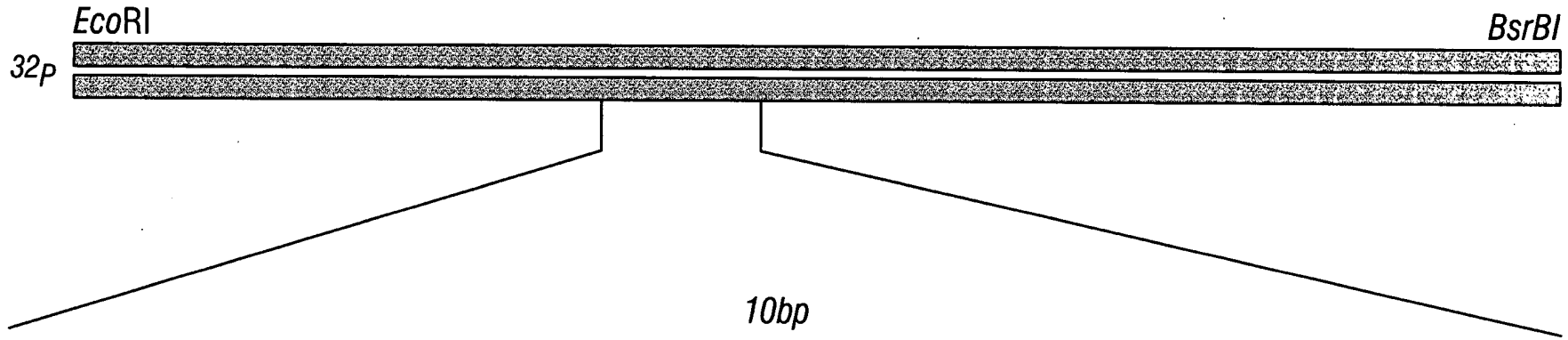


FIG. 17V

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10bp

32P 5'-GATCGCGAGGCCTCATTGTTATGTTAGCGAGGCCTCATTGTCATGTCAGCGAGGCCTCATAGCT -3'
3'-CTAGCGCTCCGGAGTAACAATACAATCGCTCCGGAGTAACAGTACAGTCGCTCCGGAGTATCGA-5'

11bp

32P 5'-GATCGCGAGGCCTCATTGTTATTGTTAGCGAGGCCTCATTGTCATTGTCAGCGAGGCCTCATAGCT -3'
3'-CTAGCGCTCCGGAGTAACAATAACAATCGCTCCGGAGTAACAGTAACAGTCGCTCCGGAGTATCGA-5'

12bp

32P 5'-GATCGCGAGGCCTCATTGTTATATGTTAGCGAGGCCTCATTGTCATATGTCAGCGAGGCCTCATAGCT -3'
3'-CTAGCGCTCCGGAGTAACAATATACAATCGCTCCGGAGTAACAGTATACAGTCGCTCCGGAGTATCGA -5'

FIG. 18

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